

US EPA ARCHIVE DOCUMENT

# STATE OF COLORADO

Bill Owens, Governor  
Jane E. Norton, Executive Director

*Dedicated to protecting and improving the health and environment of the people of Colorado*

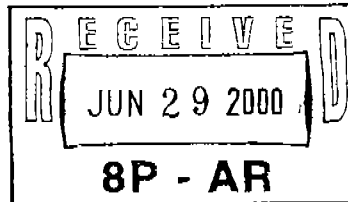
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Colorado Department  
of Public Health  
and Environment



June 21, 2000

Richard Long, Director  
Air and Radiation Program (8P-AR)  
U.S. EPA Region VIII  
999 18<sup>th</sup> Street, Suite 500  
Denver, CO 80202

Dear Dick:

As you are aware, Governor Owens has submitted designations for the 8-hour ozone National Ambient Air Quality Standards (see the enclosed letter dated May 10, 2000). In compliance with federal law, the Governor has requested that all areas in Colorado be designated either as attainment, based on actual monitoring data for the period 1996-1998, or as attainment/unclassifiable based on the State's estimation that ozone levels in those areas do not exceed the NAAQS due to the lack of sources that emit ozone precursor emissions.

It has come to my attention that EPA guidance requests that designations for the 8-hour ozone NAAQS utilize data for the period 1997-1999. The Air Pollution Control Division has submitted the 1999 ozone monitoring data to the EPA's Aerometric Information Retrieval System, and these data support and reaffirm the Governor's attainment designations for those regions where the Division monitors for ozone. The enclosed table summarizes the most recent ozone monitoring data and illustrates that attainment of the 8-hour ozone NAAQS is being demonstrated at all monitoring sites through 1999.

If there are any additional questions regarding the data, please contact Sheila Burns, Manager of the Division's Technical Service Program at (303) 692-3223.

Sincerely,



Margie Perkins, Director  
Air Pollution Control Division

Enclosures

cc: John Swartout, Governor's Office  
Bob Brady, Chairman of the Colorado Air Quality Control Commission  
Doug Benevento, Environmental Programs Manager, CDPHE  
Sheila Burns, APCD

# Three Year Average 4th Maximum Ozone Values

AIRS Site ID # (prefix = 08)	Site Name	1997	1998	1999	3-yr. Avg. 4th Max. Value (ppm)
		8-hr. O3 4th Max. Value (ppm)	8-hr. O3 4th Max. Value (ppm)	8-hr. O3 4th Max. Value (ppm)	3-yr. Avg. 4th Max. Value (ppm)
001-3001	Welby	0.071	0.083	0.071	0.075
005-0002	Highland	0.065	0.084	0.075	0.074
013-0011	S. Boulder Creek	0.072	0.089	0.075	0.078
013-1001	Boulder Marine St.	0.071	0.080	N / A	N / A
031-0014	Carriage	0.066	0.085	0.068	0.073
035-0002	Chaffield Res	0.075	0.081	0.075	0.077
041-0013	USAF Academy	0.059	0.062	0.064	0.061
059-0002	Arvada	0.070	0.089	0.072	0.077
059-0005	Welch	0.068	0.080	0.066	0.071
059-0006	Rocky Flats North	0.076	0.092	0.080	0.082
059-0011	NREL	0.075	0.095	0.080	0.083
069-1004	Ft. Collins	0.064	0.072	0.063	0.066
123-0007	Greeley	0.069	0.075	0.069	0.071


## STATE OF COLORADO

## EXECUTIVE CHAMBERS

136 State Capitol  
Denver, Colorado 80203-1792  
Phone (303) 866-2471

May 10, 2000

8-P- 1- Kerry - Aches  
2- FYI copy to Rep  
Bill Owens  
Governor  
22- 5/24



Ms. Rebecca Hammer  
Acting Administrator  
US EPA, Region VIII  
999 18<sup>th</sup> Street, Suite 500  
Denver, CO 80202-2405

Dear Ms. Hammer:

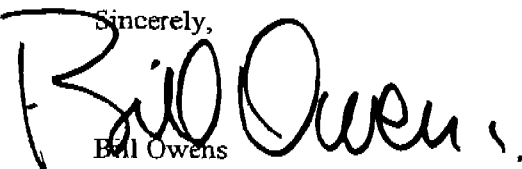
For the purpose of satisfying Section 107(d)(1) of the Clean Air Act, I am submitting to the Environmental Protection Agency designations for the revised ozone National Ambient Air Quality Standards (NAAQS). Federal law requires that the State of Colorado submit the designations for the ozone NAAQS to the EPA by July 1999, and this letter provides the designations of "attainment" and "attainment/unclassifiable" for all air quality control regions (AQCRs) in Colorado.

The enclosed table describes each AQCR and its designation. Attainment designations are based on actual air quality monitoring data for the 1996-98 period, which are enclosed. Attainment/unclassifiable designations are based on the State's estimation that ozone levels in these AQCRs do not exceed the NAAQS due to the lack of sources that emit ozone precursor emissions.

When reviewing the monitoring data, it is apparent that a number of monitoring sites in the Denver metropolitan area are close to violating the 8-hour ozone NAAQS of 0.08 parts per million (rounded to 0.085 for purposes of determining compliance with the NAAQS). Although the monitoring data show that these sites do not violate the standard, a voluntary emission reduction program has been initiated in the Denver area this summer in order to preserve our attainment status into the future.

This Colorado Air Quality Control Commission approved this submittal following a public hearing on July 15, 1999. If you or your staff have further questions regarding this submittal, please contact Douglas Lempke, Technical Secretary of the Commission, at (303) 692-3478, or Margie Perkins, Director of the Air Pollution Control Division, at (303) 692-3115.

Sincerely,

  
Bill Owens  
Governor

Enclosure

PROCESSED

MAY 22 2000

U.S. AIR FORCE

Rec'd  
MAY 25 2000  
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CO DEPT OF HEALTH

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Air Quality Control RegionsOzone NAAQS DesignationDenver - Boulder Area

Attainment

Adams County (part) West of Kiowa Creek  
Arapahoe County (part) West of Kiowa Creek  
Boulder County (part) Excluding Rocky Mtn. National Park  
Denver County  
Douglas County  
Jefferson County

State AQCR 01

Attainment/Unclassifiable

Logan County  
Morgan County  
Phillips County  
Sedgwick County  
Washington County  
Yuma County

State AQCR 02

Attainment

Larimer County  
Weld County

State AQCR 03 (Remainder of)

Attainment/Unclassifiable

Adams County (part) East of Kiowa Creek  
Arapahoe County (part) East of Kiowa Creek  
Boulder County (part) Rocky Mtn. National Park Only  
Clear Creek County  
Gilpin County

State AQCR 04

Attainment/Unclassifiable

El Paso County  
Park County  
Teller County

State AQCR 05

Attainment/Unclassifiable

Cheyenne County  
Elbert County  
Kit Carson County  
Lincoln County

State AQCR 06

Attainment/Unclassifiable

Baca County  
Bent County  
Crowley County  
Kiowa County  
Otero County  
Prowers County

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Air Quality Control RegionsOzone NAAQS Designation

## State AQCR 07

Huerfano County  
Las Animas County  
Pueblo County

Attainment/Unclassifiable

## State AQCR 08

Alamosa County  
Conejos County  
Costilla County  
Mineral County  
Rio Grande County  
Saguache County

Attainment/Unclassifiable

## State AQCR 09

Archuleta County  
Dolores County  
La Plata County  
Montezuma County  
San Juan County

Attainment/Unclassifiable

## State AQCR 10

Delta County  
Gunnison County  
Hinsdale County  
Montrose County  
Ouray County  
San Miguel County

Attainment/Unclassifiable

## State AQCR 11

Garfield County  
Mesa County  
Moffat County  
Rio Blanco County

Attainment/Unclassifiable

## State AQCR 12

Eagle County  
Grand County  
Jackson County  
Pitkin County  
Routt County  
Summit County

Attainment/Unclassifiable

## State AQCR 13

Chaffee County  
Custer County  
Fremont County  
Lake County

Attainment/Unclassifiable

# Three Year Average 4th Maximum Ozone Values State of Colorado Monitoring Network 1996 through 1998

AIRS Site ID # (prefix = 08)	Site Name	1996	1997	1998	3-yr. Avg. 4th Max. Value (ppm)
		8-hr. O3 4th Max. Value (ppm)	8-hr. O3 4th Max. Value (ppm)	8-hr. O3 4th Max. Value (ppm)	
001-3001	Welby	0.074	0.071	0.083	0.076
005-0002	Highland	0.073	0.060	0.081	0.074
013-0011	S. Boulder Creek	0.075	0.072	0.089	0.078
013-0001	Boulder-Matheson	0.072	0.071	0.086	0.074
031-0002	CAMP *	0.060	0.059	*	N/A
021-0014	Carriage	0.068	0.068	0.085	0.074
035-0002	Chatfield Res.	0.079	0.075	0.081	0.078
041-0004	Colorado Springs	0.059	0.061	0.081	0.074
041-0012	Colo. Spgs. Chestnut **	0.054	***	***	N/A
041-0013	USAFA Academy	0.057	0.056	0.062	0.059
059-0002	Avada	0.073	0.070	0.089	0.077
059-0005	Ward	0.059	0.068	0.080	0.072
059-0006	Rocky Flats North	0.083	0.076	0.092	0.083
059-0014	NREL	0.082	0.073	0.093	0.084
069-1004	Ft. Collins	0.066	0.064	0.072	0.067
123-0007	Greeley	0.070	0.068	0.073	0.071

\* CAMP O3 monitoring discontinued 11-06-97

\*\* Colorado Springs Tejon O3 monitoring discontinued 07-24-97

\*\*\* Colorado Springs Chestnut O3 monitoring discontinued 06-10-96

**NOTE:** An area is in violation of the Revised National Ambient Air Quality Standard for O3 when the 3-year average of the annual 4th-highest daily maximum 8-hour concentrations at one or more monitoring sites is greater than or equal to 0.085 parts per million (ppm).